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IN THE UNITED STATES' PATENT AND TRADEMARK OFFICE

First Named
Inventor : Ye Yi Wang et al.

Appln. No. : 10/718,138

Filed : November 20, 2003

For : SYSTEM WITH COMPOSITE
STATISTICAL AND RULES-BASED
GRAMMAR MODEL FOR SPEECH
RECOGNITION AND NATURAL
LANGUAGE UNDERSTANDING

Docket No.: M61.12-0583

Group Art Unit: 2644

Examiner: ---

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING
SENT BY U.S. MAIL, FIRST CLASS, TO THE
ASSISTANT COMMISSIONER FOR PATENTS,
WASHINGTON, D.C. 20231, THIS

17th DAY OF September, 2004
Joseph R. Hill
PATENT ATTORNEY

Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed.

Submitted herewith is a copy (with English translation as appropriate) of an Official Search Report of the European Patent Office in counterpart foreign application No. 04010313.7 filed April 30, 2004.

TIME OF FILING

The information disclosure statement is being filed:

1. X with the application or within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. In accordance with 37 C.F.R. § 1.97(b), no statement or fee is required.
2. _____ after the time period specified in paragraph 1 above,

but before the mailing date of a final action under 37 C.F.R. § 1.113 or notice of allowance under 37 C.F.R. § 1.311. Therefore, in accordance with 37 C.F.R. § 1.97(c), submitted herewith is:

(check either A or B below)

- A. ☐ a statement as specified in 37 C.F.R. § 1.97(e).
 - B. ☐ the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c).
3. ☐ after the mailing date of either a final action under 37 C.F.R. § 1.113 or a notice of allowance under 37 C.F.R. § 1.311, whichever occurs first, but before payment of the issue fee. Therefore, Applicant petitions for consideration and submits herewith:
- A. a statement as specified in 37 C.F.R. § 1.97(e);
 - B. the petition fee set forth in 37 C.F.R. § 1.17(p).

STATEMENT

(only used if No. 2(A) or No. 3 above is checked)

The person(s) signing below certify

(check appropriate paragraph)

☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(1).

OR

☐ that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement. 37

C.F.R. § 1.97(e)(2).

METHOD OF PAYMENT

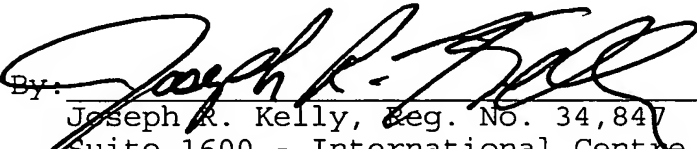
 X No fee is required.

 Attached is a check in the amount of \$.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this communication is enclosed.

Respectfully submitted,

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JRK:slg



FORM 600-149	Atty. Docket No.: M61.12-0583	Appl. No.: 10/718,138
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor:	
	Ye Yi Wang	
	Filing Date	Group Art:
	November 20, 2003	2644

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
AL	WO 01/93249 A1	06.12.01	PCT			
AM	WO 01/93246 A2	06.12.01	PCT			
AN						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AO	IS WORD ERROR RATE A GOOD INDICATOR FOR SPOKEN LANGUAGE UNDERSTANDING ACCURACY, by Ye-Yi Wang et al., 2003 IEEE
AP	A UNIFIED CONTEXT-FREE GRAMMAR AND N-GRAM MODEL FOR SPOKEN LANGUAGE PROCESSING, BY Ye-Yi Wang et al., 2000 IEEE
AQ	STOCHASTIC AUTOMATA FOR LANGUAGE MODELING, by Giuseppe Riccardi et al. 1996 Academic Press Limited

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

GRÜNECKER KINKELDEY STOCKMAIR & SCHWANHÄUSSER

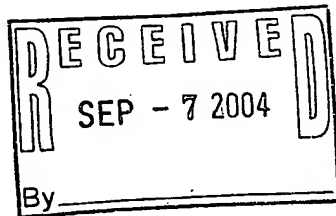
ANWALTSSOZIELTÄT



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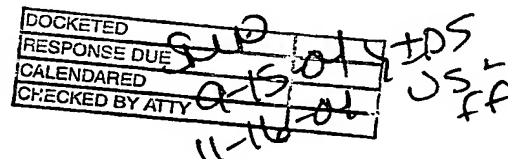
DATUM / DATE

M61.13-0713/JRK

EP30966NN904awe

31.08.04

Re.: European Patent Application No.: 04 010 313.7
Applicant: MICROSOFT CORPORATION



Dear Ms. Nienaber,

Enclosed please find a copy of an EPO-Communication, forwarding the European Search Report and copies of the references cited therein.

If you feel it necessary for us to study the search result and provide you with a proposal for new claims, please advise us accordingly.

The next procedural step will be to pay the examination fee. This payment has to be made within a 6-month period after publication of the search report. We shall inform you of that term as soon as it is known.

If you intend to expedite the examination procedure, we would recommend to pay the afore-mentioned fee immediately.

DN €166.00

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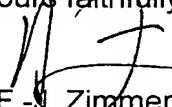
Our debit note for forwarding the search report is attached.

If there is a corresponding US-application, please note that this search report may include pertinent references to be indicated to the USPTO in compliance with the disclosure-statement requirements.

Encls.

- EPO-Communication with search report, annex
- Cited references
- Debit note

Yours faithfully,


(F.-J. Zimmer)